

Response to Notice of Non-Compliant Amendment
Serial No. 09/417,767
April 21, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended): An electronic camera, comprising:

an imaging device for ~~periodically~~ outputting [[an]] a previous image signal and a current image signal of an object;

a processor for subjecting the image signals, outputted from said imaging device, to a signal processing;

a calculator for calculating a specific compression ratio ~~capable of compressing a preceding image signal, outputted from said processor and corresponding to a preceding screen, to a specific size for the current image signal based on a compression ratio that compresses the previous image signal to a target size;~~

a compressor for compressing [[a]] the current image signal, ~~outputted from said processor and corresponding to a current screen appearing after the preceding screen,~~ using the specific compression ratio calculated by said calculator; and

a recorder for recording to a recording medium ~~a plurality of screens of compressed image signals created by said compressor.~~

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Claim 2 (Currently Amended): An electronic camera according to claim 1, wherein said calculator calculates the specific compression ratio based on an arbitrary initial compression ratio, a compressed size of the compressed previous image signal obtained by compressing the preceding image signal with the arbitrary compression ratio, and the specific target size.

Claim 3 (Currently Amended): An electronic camera according to claim 1, further comprising a selector for selecting one of a first recording mode to create within said recording medium a plurality of still image files respectively accommodating the plurality of screens of the compressed image signals and a second recording mode to create within said recording medium a motion image file collectively accommodating the plurality of screens of compressed image signals, wherein said processor creates the image signal having a first resolution when the first recording mode is selected by said selector and creates the image signal having a second resolution when the second recording mode is selected by said selector, and the specific size is different between the first recording mode and the second recording mode.

Claim 4 (Currently Amended): An electronic camera according to claim 3, wherein the first resolution is higher than the second resolution, and the specific target size directed to the first recording mode is greater than the specific target size directed to the second recording mode.

Claim 5 (Previously Presented): An electronic camera according to claim 3, wherein said imaging device outputs one screen of the image signal at a first interval when the first recording

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mode is selected and outputs one screen of the image signal at a second interval when the second recording mode is selected.

Claim 6 (Previously Presented): An electronic camera according to claim 5, wherein the first interval is longer than the second interval.

Claim 7 (New): An electronic camera according to claim 1, wherein the previous image signal is an image signal previous to the current image signal by a number of screens corresponding to a calculation period of said calculator.